

Custodial, Labor and Trades Branch
Skilled Trades Series
Landscape Series

SPRINKLER SYSTEM INSTALLER/REPAIRER

01/85

CHARACTERISTICS OF THE CLASS:

Under general supervision installs, repairs and / or maintains turf sprinkler systems and supporting equipment; and performs related work as required.

EXAMPLES OF DUTIES:

Reads and interprets blueprints and sketches for the installation and / or replacement of turf sprinkler systems; drives a truck and operates trenching and related equipment; cuts, bends, threads and joins metals and nonmetal pipes to pipe fittings and other components using couplings, solder, epoxy cement and / or other joining material; connects and adjusts sprinkler heads at designated intervals to insure uniform distribution of water; checks and makes corrections to the water pressure; performs preventive maintenance on sprinkler systems and components.

Trouble-shoots, lubricates, adjusts and repairs the sprinkler system components; replaces defective / damaged water lines, sprinkler heads and other components and makes recommendations for changes and / or improvements.

Checks, programs and adjusts time clocks to assure scheduled operation; trouble-shoots and replaces damaged / defective wires, fuses and other related components; measures continuity of electrical system and makes necessary adjustments.

Supervises, trains and evaluates the work of assigned personnel; as needed, requisitions materials, maintains records and prepares reports

MINIMUM QUALIFICATIONS:

Training and Experience: Graduation from high school or G.E.D., and four years experience in the installation, repair and trouble-shooting of turf or closely related sprinkling systems; including one year of general supervisory experience; (Land Irrigator License desirable) or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Considerable knowledge of sprinkler components and operation; good knowledge of time clocks used with sprinkler systems; good knowledge of the materials, tools and techniques of the trade; good knowledge of the occupational hazards and safety precautions of the trade.

Ability to plan, supervise, train and evaluate the work of assigned personnel; ability to read and interpret blueprints and sketches; ability to make estimates concerning time and material needed to make repairs; ability to schedule work priorities ability to work with low voltage systems and make necessary adjustments; ability to measure and adjust water pressures throughout sprinkling systems; ability to maintain records and prepare reports; ability to understand and follow oral and/ or written instructions; ability to establish and maintain effective working relationships with fellow employees and the general public; ability to express oneself clearly, orally and in writing.

Skill in the use and care of hand and power tools; skill in the operation of trucks, trench digger and related equipment.

Physical requirement: Lift and carry heavy objects; work under all weather conditions; operation of a motor vehicle through city traffic; performance of manual labor.

Licenses and Certificates: Texas Class "C" Driver's License.

Director of Personnel

Department Head